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Sequence 12,
Sequence 96,
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TITLE OF INVENTION: Cross-Reacting Monoclonal Antibodies
TITLE OF INVENTION: Specific for E-Selectin and P-Selectin
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            93.0%; Score 609; DB 4; Length 128; 93.0%; Pred. No. 2.8e-48; tive 3; Mismatches 6; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER:
COMPUTER:
COMPUTER:
Defenting SYSTEM:
PC-DOS/MS-DOS
SOFTWARE:
Patentin Release #1.0, Version #1.30
APPLICATION DATA:
RPLICATION NUMBER: US/08/619,491
FILING DATE: 26-MAR-1996
CLASSIFICATION DATA:
APPLICATION NUMBER: WO PCT/US95/07302
PRIOR APPLICATION DATA:
APPLICATION NUMBER: WO PCT/US95/07302
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/259,963
APPLICATION NUMBER: US 08/259,963
            US-08-484-537-35
US-08-484-537-59
US-08-438-562-2
US-08-438-562-2
US-08-483-528-92
US-08-397-411-8
US-08-397-411-12
US-08-482-96
US-08-482-96
US-08-487-113D-96
US-08-487-113D-96
US-08-473-503-96
US-08-473-503-96
US-08-473-503-96
US-08-473-503-96
US-08-473-503-96
US-08-714-017-96
US-08-717-945-50
                                                                                                                                                                                                                                                                                                                                                                                                                                                               CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
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                                                                                                                                                                                                                                                                                                                                                            Sequence 6, Application US/08619491; Patent No. 6210670
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FILING DATE: 14-7UN 1994
ATTORNEY/AGENT INFORMATION:
NAME: SLOCELLA, JOHN R.
REGISTRATION NUMBER: 32,944
REFERENCE/DOCKET NUMBER: 0118
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 6:
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Best Local Similarity 93.0°
Matches 119; Conservative
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          US-08-619-491-6
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109.190 Million cell updates/sec
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Sequence 6, Appli
Sequence 52, Appl
Sequence 99, Appl
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Sequence 37
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                                                                                  7, 2002, 12:01:21 ; Search time 26.38 Seconds
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GenCore version 4.5
Copyright (c) 1993 - 2000 Compugen Ltd.
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'Cgn2_6/ptodata/2/iaa/5A_COMB.pep:*
'Cgn2_6/ptodata/2/iaa/5B_COMB.pep:*
'Cgn2_6/ptodata/2/iaa/AA_COMB.pep:*
'Cgn2_6/ptodata/2/iaa/6B_COMB.pep:*
'Cgn2_6/ptodata/2/iaa/PCTUS_COMB.pep:*
'Cgn2_6/ptodata/2/iaa/PCTUS_COMB.pep:*
'Cgn2_6/ptodata/2/iaa/PCTUS_COMB.pep:*
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US-09-171-945-52
US-09-171-945-52
US-08-116-778E-37
US-08-438-562-37
US-08-438-528B-101
US-08-43-528B-101
US-09-171-945-37
US-08-477-728-31
US-08-474-00-31
US-08-484-537-31
US-08-484-537-31
US-08-656-586-6
US-09-171-945-17
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US-08-474-040-59
US-08-487-200-35
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                                                   OM protein - protein search, using sw model
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Listing first 45 summaries
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Maximum DB seq length: 2000000000
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Query
Match Length DB
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SOFTWARE: Pat
SEQ ID NO 99
LENGTH: 235
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                                                                                                                                            61 PGKAPKLLIYDTSNLASGVPSRFSGSGSGTDYTLTISSLQPEDFATYYCOQWSSYPLTFG 120
                                                                                                                                                                           61 PGKAPKLLIYDTSNLASGVPSRFSGSGSGTSYTLTISSLQPEDFATYYCQQWSSDPFTFG 120
1 MDFQVQIFSFLLISASVILSRGDIQMTQSPSSLSASVGDRVTITCSATSSITYMSWYQQK 60
                                  93.0%; Score 609; DB 5; Length 128; 93.0%; Pred. No. 2.8e-48; Live 3; Mismatches 6; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT BEGG CLOSS-Reacting Monoclonal Antibodies TITLE OF INVENTION: CLOSS-Reacting Monoclonal Antibodies TITLE OF INVENTION: Specific for E-Selectin and P-Selectin MINMER OF SEQUENCES: 10 CORRESPONDENCE ADDRESS: ADDRESSE: Townsend and Townsend Khourie and Crew ADDRESSE: Townsend and Townsend ADDRESSE: Townsend ADDRESSE: Townsend ADDRESSES: 
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SOFTWARE: Patentin Release #1.0, Version #1.25 CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/07302
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APPLICATION NUMBER: 08/259,963
APPLICATION NUMBER: 08/259,963
FILING DATE: 14-UUNE-94
APTORNEY/AGENT INFORMATION:
NAME: Smith, William M.
REGISTRATION NUMBER: 30,223
REGISTRATION NUMBER: 11823-00
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
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GENERAL INFORMATION:
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NFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
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MEDIUM TYPE: Floppy
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GENEKAL INFUKRATION:

GENEKAL INFUKRATION:

APPLICANT: Emery, Stephen

APPLICANT: Edge, Michael Derek

APPLICANT: Edge, Michael Derek

TITLE OF INVENTION: Monoclonal Antibody to CEA, Conjugates Comprising Said

TITLE OF INVENTION: Monoclonal Antibody to CEA

TITLE OF INVENTION: Monoclonal Antibody to CEA

FILE REFERENCE: MONOCLONAL ANTIBORY

FILE REFERENCE: MONOCLONAL ANTIBORY

PRIOR FILING DATE: 1996-02-04

PRIOR FILING DATE: 1996-05-04

PRIOR FILING DATE: 1996-05-04

PRIOR FILING DATE: 1997-04-29

NUMBER OF SEQ ID NOS: 131

SOFTWARE: PATCHILI VET 2.1
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GENERAL INFORMATION:
APPLICANT: Emery, Stephen
APPLICANT: Copley, Clive Graham
APPLICANT: Copley, Clive Graham
APPLICANT: Engle, Michael Derek
APPLICANT: Engle, Michael Derek
TITLE OF INVENTION: Antibody, and Their Therapeutic Use in an Adept System
TITLE OF INVENTION: Antibody, and Their Therapeutic Use in an Adept System
TITLE OF INVENTION OF A TOWN O
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   91.5%; Score 599; DB 4; Length 235; 91.4%; Pred. No. 4.4e-47; tive 5; Mismatches 6; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR FILING DATE: 1996-05-04
PRIOR APPLICATION NUMBER: PCT/GB97/01165
PRIOR FILING DATE: 1997-04-29
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1996-05-04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 99, Application US/09171945 Patent No. 6277599
; Sequence 52, Application US/09171945
; Patent No. 6277599
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ORGANISM: Artificial Sequence
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
Best Local Similarity 91.4'
Matches 117; Conservative
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                                                                                                                    GENERAL INFORMATION:
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61 PGKAPKILLIYDTSNILASGVPSRFSGSGSGTDYTLTISSLQPEDFATYYCQQWSSYPLTFG 120
                                                                                 1 MHFQVQIFSFLLISASVIMSRGDIQLTQSPSSLSASVGDRVTITCSASSSVSYMHWYQQK 60
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    61 PGKAPKLLIYSTSNLASGVPSRFSGSGSGTDFTFTISSLQPEDIATYXCQQRSXPYTFG 120
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89.8%; Pred. No. 1.5e-46;
tive 6; Mismatches 7; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/438,562
FILING DATE: 10 MAY-95
                                                                                                                                                                                                                                                                                                                     APPLICANT: KOIKE, MASAMICH
APPLICANT: SHITARA, KENYA
APPLICANT: KUWANA, NOBUO
APPLICANT: HANGERAW, MAMORU
TITLE OF INVENTON: HUMANIZED ANTIBODIES
                                                                                                                                                                                                                                                                                                                                                                                                                                                        E: NIXON & VANDERHYE P.C. 1100 NORTH GLEBE ROAD
                                                                                                                                                                                                                                                 Sequence 37, Application US/08438562; Patent No. 5874255; GENERAL INFORMATION:
APPLICANT: NAKAMURA, KAZUYASU
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FILING DATE: 10-MAY-95
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/116,778
FILING DATE: 07-5EP-93
CLASSIFICATION: 424
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER: U.S.A.
ZIP: 22201-4714
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPATIBLE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ATTORNEY AGENT INFORMATION:
NAME: WILSON, MARY J.
REGISTRATION NUMBER: 32,955
REPERENCE/DOCKET NUMBER: 249-7
TELECOMMUNICATION INFORMATION:
TELEFAX: (703)816-4000
INFORMATION FOR SEQ ID NO: 37;
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 133 amino acids
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; MOLECULE TYPE: protein
US-08-438-562-37
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER: IBM PC
OPERATING SYSTEM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               amino acid
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                                                                                                                                                  1 MDFQVQIFSFLLISASVILSRGDIQMTQSPSSLSASVGDRVTITCSATSSITYMSWYQQK 60
                                                                                                                                                                      0; Gaps
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                                                                                       90.5%; Score 593; DB 4; Length 235;
90.6%; Pred. No. 1.5e-46;
Live 5; Mismatches 7; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      90.1%; Score 590; DB 2; Length 133; 89.8%; Pred. No. 1.5e-46; Live 6; Mismatches 7; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/116,778E
                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: NAKAMURA, KAZUYASU
APPLICANT: KOIKE, MASAMICHI
APPLICANT: SHITARA, KENYA
APPLICANT: HANAI, NOBUO
APPLICANT: HARBARA, YOSHIHISA
APPLICANT: HARBARA, YOSHIHISA
TITLE OF INVENTION: HUMANIZED ANTIBODIES
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07-SEP-93
17: 424
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                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 37, Application US/08116778E Patent No. 5830470
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ATCARSTILATION, 424
ATCARSTY INFORMATION:
NAME: WILSON, MARY J
REGISTRATION NUMBER: 32,955
REFERENCE/DOCKET NUMBER: 249-5
TELECOMMINICATION INFORMATION:
TELEPHONE: (703)816-4000
TELEFAX: (703)816-4100
INFORMATION FOR SEG
                                                                                                Best Local Similarity 90.69
Matches 116; Conservative
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amino acid
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Best Local Similarity 89.89
Matches 115; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   MOLECULE TYPE: protein US-08-116-778E-37
                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                     121 GGTKVEIK 128
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                                                                                     Query Match
; FEATURE:
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121 GGTKVEIK 128

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CURRENT APPLICATION NUMBER: US/09/171,945
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                                                                                                                                                NUMBER OF SEQ ID NOS: 131
SOFTWARE: Patentin Ver. 2.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR APPLICATION DATA:
APPLICATION NUMBER: FILING DATE: 04-MAR-1
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: U.S.A.
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                                                                                                                                                                                                             LENGTH: 235
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                                                                                                                                                                                         SEQ ID NO 97
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GENERAL INFORMATION:
APPLICANT: Emery, Stephen
APPLICANT: Edge, Michael Derek
APPLICANT: Edge, Michael Derek
TITLE OF INVENTION: Monoclonal Antibody to CEA, Conjugates Comprising Said
TITLE OF INVENTION: Antibody, and Their Therapeutic Use in an Adept System
FILE REFERENCE: Monoclonal Antibody to CEA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     0; Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SOFTWARE: Patentin Release #1.0, Version #1.25 CURREW APPLICATION DATA: APPLICATION NUMBER: US/08/483,528B FILING DATE: 07-JUN-95 CLASSIFICATION: 536 TELECOMMUNICATION INFORMATION: TELEPHONE: (703)816-4100 INFORMATION FOR SEQ ID NO: 101:
                                                                                                                                Sequence 101, Application US/08483528B
Sequence 101, Application US/08483528B
Sequence 101, Application US/08483528B
Sequence 101, Application US/08483528B
SPELICANT: NAKAWURA, KAZUYASU
APPLICANT: SHITARA, KENYA
APPLICANT: HANAI, NOBU
APPLICANT: KUWANN, YOSHIHISA
APPLICANT: HASEGAWA, MAMORU
TITLE OF INVENTION: HUBANIZED ANTIBODIES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     6; Mismatches
                                                                                                                                                                                                                                                                                                                                        CORRESPONDENCE ADDRESS:
ADDRESSEE: NIXON & VANDERHYE P.C.
STREET: 1100 NORTH GLEBE ROAD
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ; Sequence 97, Application US/09171945
; Patent No. 6277599
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             : 133 amino acids
amino acid
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                                                                                                                                                                                                                                                                                                          TITLE OF INVENTION: NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                  VIRGINIA
                                                                                                                                                                                                                                                                                                                                                                                                                                     COUNTRY: U.S.A.
ZIP: 22201-4714
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                                   US-09-171-945-97
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                                                                                                                           -08-483-528B-101
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1 MDFQVQIFSFLLISASVILSRGDIQMTQSPSSLSASVGDRVTITCSATSSITYMSWYQQK 60
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                                                                                                                                                                                                                                                                                                              OTHER INFORMATION: Description of Artificial Sequence: humanized US-09-171-945-97
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 26, Application US/07946421
; Sequence 26, Application US/07946421
; Patent No. 5558864
; GENERAL INFORMATION:
    APPLICANT: Bendig, Mary M.
    APPLICANT: RetLeborough, Catherine A.
    APPLICANT: Saldanha, Jose
    TITLE OF INVENTION: Antibodies
    NUMBER OF SEQUENCES: 42
    CORRESPONDENCE ADDRESS:
    ADDRESSEE: Millen, White, Zelano & Branigan, P.C.
    STREET: 2200 Clarendon Boulevard, Suite 1400

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04-MAR-1992
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FILING DATE: 06-MAR-1991
ATTORNEY/AGENT INFORMATION:
NAME: Hamlet-King, Diana
NAME: Hamlet-King, Diana
REGISCHARTON NUMBER: 33,302
REFERENCE/DOCKET NUMBER: Merck 1430
CURRENT FILING DATE: 1998-10-29
PRICR APPLICATION NUMBER: GB9703103.3
PRIOR FILING DATE: 1997-02-14
PRIOR APPLICATION NUMBER: GB9609405.7
PRIOR FILING DATE: 1996-05-04
PRIOR FILING DATE: 1996-05-04
PRIOR FILING DATE: 1997-04-29
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FILING DATE: 06-NOV-1992
CLASSIFICATION: 424
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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                                                                                                                                                                                                                                                                            DB 1; Length 128;
                                                                                                                                                                                              79.4%; Score 520; DB 1; Length 128
77.3%; Pred. No. 3e-40;
tive 15; Mismatches 14; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: CO, Man Sung
APPLICANT: SCHNEIDER, William P.
APPLICANT: LANDOLFT, Nicholas F.
APPLICANT: SELICK, Harold E.
APPLICANT: SELICK, Harold E.
NUMBER OF SEQUENCES: 113
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend Khourie and Crew STREET: 379 Lytton Avenue
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/634,278
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CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/590,274
FILING DATE: 28-SEP-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/310,252
FILING DATE: 13-FEB-1989
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: US 07/310,252
FILING DATE: 13-FEB-1989
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/290,975
FILING DATE: 28-DEC-1988
ATTORNEY/AGENT INFORMATION:
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19-DEC-1990
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 31, Application US/07634278; Patent No. 5530101
GENERAL INFORMATION:
TELECOMMUNICATION INFORMATION:
                               INFORMATION FOR SEQ. 26: SEQUENCE CHARACTERISTICS: LENGTH: 128 amin.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     REFERENCE/DOCKET NUMBER: 118
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 326-2400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              30,223
                                                                                                  : 128 amino acids
amino acid
                                                                                                                                                                                  Query Match
Best Local Similarity 77.3%
Matches 99; Conservative
        TELEPHONE: 703-243-6410
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    QUEEN, Cary L.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NAME: Smith, William M
REGISTRATION NUMBER: 30
                                                                                                                                     linear
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California
                                                                                                                                                                                                                                                                                                                                                                                     121 GGTKVEIK 128
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US-07-946-421-26
                                                                                                                              TOPOLOGY:
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US-07-634-278-31
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61 PGKAPKLLIYDTSNLASGVPSRFSGSGSGTDYTLTISSLQPEDFATYYCQQWSSYPLTFG 120
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1 MDFQVQIFSFLLISASVILSRGDIQMTQSPSSLSASVGDRVTITCSATSSITYMSWYQQK 60
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           79.2%; Score 519; DB 1; Length 128; 75.0%; Pred. No. 3.7e-40; ative 19; Mismatches 13; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 IMPROVED HUMANIZED IMMUNOGLOBLINS
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CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/477,728
FILLIG DATE: 07-210-1995
CLASSIFICATION: 424
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CLASSIFICATION: 424

PRIOR APPLICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER: US 07/634,278
FILING DATE: 19-DEC-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/590,274
FILING DATE: 28-SEP-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/310,252
FILING DATE: 13-FEB-1989
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/290,975
FILING DATE: 28-DEC-1988
ATTORNEY AGENT INFORMATION:
NAME: CALLER OF THE TRANSPERSORY
NAME: CALLER OF TRA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 31, Application US/08477728
Patent No. 5585089
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: QUEEN, Cary L.
APPLICANT: SCHNEIDER, William P.
APPLICANT: SELICK, Harold E.
TITLE OF INVENTION: IMPROVED HUM
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME: Smith, William M
REGISTRATION NUMBER: 30,223
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 REFERENCE/DOCKET NUMBER: 118
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 326-2400
TELEFAX: (415) 326-2422
INFORMATION FOR SEQ ID NO: 3
SEQUENCE CHARACTERISTICS:
                                                                                                             : 128 amino acids
amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                             96; Conservative
                                                                                                                                                                       ; TOPOLOGY: linear; MOLECULE TYPE: protein US-07-634-278-31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEFAX: (415) 326-2422 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NUMBER OF SEQUENCES: 1. CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   STREET: TWO LONG CITY: Palo Alto
                                                                                                                                                                                                                                                                                                                                                                                                  Sest Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         121 GGTKVEIK 128
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Query Match
Best Local S
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     61 PGSSPRILIYDTSNLASGVPVRFSGSGSGTSYSLTISRMEAEDAATYYCQOWSTYPLIFG 120
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1 MDFQVQIFSFLLISASVILSRGDIQMTQSPSSLSASVGDRVTITCSATSSITYMSWYQQK 60
                                                                                                                                                                                                                                                                                                                                                                                 0; Gaps
                                                                                                                                                                                                                                                                                         Query Match 79.2%; Score 519; DB 1; Length 128; Best Local Similarity 75.0%; Pred. No. 3.7e-40; Matches 96; Conservative 19; Mismatches 13; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: CO, Man Sung
APPLICANT: SCHNEIDER, William P.
APPLICANT: LANDOLFI. NICholas F.
APPLICANT: COELINGH, Kathleen L.
APPLICANT: SELICK, Harold E.
TITLE OF INVENTION: IMPROVED HUMANIZED IMMUNOGLOBLINS
NUMBER OF SEQUENCES: 113
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/474,040
FILING DATE: 07-JUN-1995
CLASSIFICATION: 536
PROF. APPLICATION: 536
APPRICATION: 100 PROF. 100 PROF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Townsend and Townsend Khourie and Crew
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APPLICATION NUMBER: US 07/634,278
FILING DATE: 19-DEC-1990
APPLICATION NUMBER: US 07/590,274
FILING DATE: 28-SEP-1990
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: US 07/310,252 FILING DATE: 13-FEB-1989
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APPLICANT: QUEEN, Cary L.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      REFERENCE/DOCKET NUMBER: 118
TELECOMMUNICATION INFORMATION:
TELEPRONE: (415) 326-2400
TELEPAX: (415) 326-2401
INFORMATION FOR SEQ ID NO: 31:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ATTING DATE: 28 DEC-1988
ATTORNEY/AGENT INFORMATION:
NAME: Smith, William M
REGISTRATION NUMBER: 30,223
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    STREET: 379 Lytton Avenue CITY: Palo Alto STATE: California
                          LENGTH: 128 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECOLE TYPE: protein
US-08-477-728-31
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SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           121 GGTKVEIK 128
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            US-08-474-040-31
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61 PGKAPKLLIYDTSNIASGVPSRFSGSGSGTDYTLTISSLQPEDFATYYCQQWSSYPLTFG 120
                                                                                                                                                                                     0; Gaps
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                                                                                                                                                                                                                                             79.2%; Score 519; DB 1; Length 128; 75.0%; Pred. No. 3.7e-40; tive 19; Mismatches 13; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: QUEEN, Cary L.
APPLICANT: CO, Man Sung
APPLICANT: SCHUREDER, William P.
APPLICANT: SCHUREDER, William P.
APPLICANT: COELINGH, Kathleen L.
APPLICANT: SELICK, Harold E.
APPLICANT: SELICK, HARDEN E.
APPLICANT: SELICK, HARDEN E.
NUMBER OF SEQUENCES: 113
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SOFTWARE: Patentin Release #1.0, Version #1.25
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/487,200
FILING DATE: 7-JUN-1995
CLASSIFCATION: 424
PRIOR APPLICATION NUMBER: US 07/634,278
FILING DATE: 19-DEC-1990
PRIOR APPLICATION NUMBER: US 07/590,274
FILING DATE: 28-SEP-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/310,252
FILING DATE: 13-FEB-1989
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NAME: Smith, William M
REGISTRATION NUMBER: 30,223
REFERENCE/DOCKET NUMBER: 11823-002610
FLELCOMMUNICATION INFORMATION:
TELEPHONE: (415) 326-2400
TELEPRA: (415) 326-242
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FILING DATE: 13-FEB-1989
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/290,975
FILING DATE: 28-DEC-1988
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 31, Application US/08487200; Patent No. 5693762
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ADDRESSEE: Townsend amprent 379 Lytton Avenue
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       GENERAL INFORMATION:
                 LENGTH: 128 amino acids
TYPE: amino acid
TOPOLOGY: linear
                                                                                                                                                                                                  96; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER READABLE FORM: MEDIUM TYPE: Floppy of
SEQUENCE CHARACTERISTICS:
                                                                           MOLECULE TYPE: protein
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California
                                                                                                                                                                            Similarity
                                                                                                                                                                                                                                                                                                                                                                                                       121 GGTKVEIK 128
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                                                                                                                                                                                                                                1 MDFQVQIFSFLLISASVILSRGDIQMTQSPSSLSASVGDRVTITCSATSSITYMSWYQQK 60
                                                                                                                                                                                                                                                   Query Match 79.2%; Score 519; DB 1; Length 128; Best Local Similarity 75.0%; Pred. No. 3.7e-40; Matches 96; Conservative 19; Mismatches 13; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION:

APPLICANT: QUEEN, Cary L.

APPLICANT: CO, Man Sung
APPLICANT: CHNEIDER, William P.

APPLICANT: COELINGH, Kathleen L.

APPLICANT: SELICK, Harold E.

TITLE OF INVENTION: IMPROVED HUMANIZED IMMUNOGLOBLINS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ADDRESSEE: Townsend and Townsend Khourie and Crew STREET: 379 Lytton Avenue CITY: Palo Alto STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READBALE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION NUMBER: US/08/484,537
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/07/634,278
FILING DATE: 19-DEC-1999
APPLICATION NUMBER: US 07/590,274
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: US 07/590,274
FILING DATE: 28-SEP-1990
APPLICATION DATA:
APPLICATION NUMBER: US 07/310,252
FILING DATE: 13-FEB-1989
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FILING DATE: 28-DEC-1988
ATORNEY/AGENT INFORMATION:
NAME: SMITCH, WILLIAM M
REGISTRATION NUMBER: 30,223
REFERENCE/DOCKET NUMBER: 1182:
TELECOMMUTICATION INFORMATION:
TELEPHONE: (415) 326-2400
TELEFAX: (415) 326-2422
INFORMATION FOR SEQ ID NO: 31:
                                      : 128 amino acids
amino acid
                   SEQUENCE CHARACTERISTICS:
                                                                    ; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-487-200-31
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FILING DATE: 13-FEB-7
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                           121 GGTKVEIK 128
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                                    LENGTH:
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                                                                                                                                                                                                                                                           GENERAL INFORMATION:
APPLICANT: Tso, J. Yun
APPLICANT: Cole, Michael S.
APPLICANT: Anassti, Claudio
TITLE OF INVENTION: Mutated No. 5834597activating IgG2 Domains and
NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESS:
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                                                                                                                                                                   79.2%; Score 519; DB 4; Length 128; 75.0%; Pred. No. 3.7e-40; tive 19; Mismatches 13; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        79.1%; Score 518; DB 2; Length 126; 90.8%; Pred. No. 4.5e-40; tive 5; Mismatches 5; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER REALABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ADDRESSEE: Townsend and Townsend and Crew LLP STREET: Two Embarcadero Center, Eighth Floor CITY: San Francisco
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       11823-007210US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: US/08/656,586
FILING DATE: 31-MAY-1996
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 6, Application US/08656586
Patent No. 5834597
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME: Liebeschuetz, Joseph O. REGISTRATION NUMBER: 37,505
INFORMATION FOR SEQ ID NO: 31: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            REFERENCE/POCKET NUMBER: 118
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
                                      LENGTH: 128 amino acids TYPE: amino acids
                                                                                                                                                                             Best Local Similarity 75.0%
Matches 96; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             : 126 amino acids
amino acid
                                                                                       ; MOLECULE TYPE: protein US-08-484-537-31
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Best Local Similarity 90.89
Matches 99; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-656-586-6
                                                                               Linear
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                                                                          TOPOLOGY:
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                                                                                                                                                                 Query Match
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Search completed: May 7, 2002, 12:01:21 Job time: 149 sec